, 10,593,399

## IAP13 Rec'd PCT/PTO 04 DEC 2006

PTO-1390 (Rev. 09-2006)
Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED DESIGNATED/ELECTED OFFICE (DO/I CONCERNING A SUBMISSION UNDER 35	EO/US) P4422-3001				
INTERNATIONAL APPLICATION NO. INTERNATIONAL	AL FILING DATE PRIORITY DATE CLAIMED				
PCT/US2004/036827 05 November	er 2004				
TITLE OF INVENTION METAL VALVE STEM SEAL ANI	SEALING SYSTEM				
APPLICANT(S) FOR DO/EO/US					
Roberto Pozzati and Petro Applicant herewith submits to the United States Designated/Ele	ol Valves USA ected Office (DO/EO/US) the following items and other information:				
This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.					
2. X This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.					
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. The US has been elected (Article 31).					
5. A copy of the International Application as filed (35 U.S.C. 3	71(c)(2))				
a. is attached hereto (required only if not communic	ated by the International Bureau).				
b. has been communicated by the International Bure	eau.				
c. is not required, as the application was filed in the	United States Receiving Office (RO/US).				
6. An English language translation of the International Applica					
a. is attached hereto.					
b. has been previously submitted under 35 U.S.C. 1	154(d)(4).				
7. Amendments to the claims of the International Application a	under PCT Article 19 (35 U.S.C. 371(c)(3))				
a. are attached hereto (required only if not commu	nicated by the International Bureau).				
b. have been communicated by the International B	ureau.				
c. have not been made; however, the time limit for	making such amendments has NOT expired.				
d. have not been made and will not be made.					
8. An English language translation of the amendments to the	claims under PCT Article 19 (35 U.S.C. 371(c)(3)).				
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10. An English language translation of the annexes of the Inter Article 36 (35 U.S.C. 371(c)(5)).	national Preliminary Examination Report under PCT				
Items 11 to 20 below concern document(s) or information incl	uded:				
11. $\overline{\underline{X}}$ An Information Disclosure Statement under 37 CFR 1.97 a	nd 1.98.				
An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. A preliminary amendment.					
14. An Application Data Sheet under 37 CFR 1.76.					
15. A substitute specification.	;				
16. A power of attorney and/or change of address letter.	A power of attorney and/or change of address letter.				
17. A computer-readable form of the sequence listing in accord	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.				
18. A second copy of the published International Application ur	A second copy of the published International Application under 35 U.S.C. 154(d)(4).				
19. A second copy of the English language translation of the in	ternational application under 35 U.S.C. 154(d)(4).				

PTO-1390 (Rev. 09-2006)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICA	HON NO. (IT KNOWN	, see 37 CFR 1.5)	INTERNATIONAL AL	PPLICATION NO.	ATTORNEY'S DO	CKET NUMBER
			PCT/US2004/03	6827	P4422-3001	
20. Other	items or informati	on:				
	<del></del>				I	
	lowing fees have b			£200	S CALCULATIONS	PTO USE ONLY
21. Basic national fee (37 CFR 1.492(a))						
22. 🗌 Exar	nination fee (37 CI	FR 1.492(c))				
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations\$200				\$		
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$		
	TOTAL OF 21, 22	2 and 23 =				
listing in program	e for specification compliance with 3 listing in an electr	and drawings filed 7 CFR 1.821(c) or onic medium) (37 C	in paper over 100 sheets (e (e) in an electronic medium FR 1.492(j)). aper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction RATE thereof (round up to a whole number)				
- 100 =	/50 =			x \$250	\$	Ī
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$	
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims		- 20 =		x \$ 50	\$	
Independent clai	ms	- 3 =		x \$200	\$	
MULTIPLE DEPI	ENDENT CLAIM(S	6) (if applicable)		+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =			\$			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						
SUBTOTAL =			\$			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$			
TOTAL NATIONAL FEE =				\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$			
TOTAL FEES ENCLOSED =			\$			
					Amount to be refunded:	\$ -0-
					Amount to be charged	\$ -0-

PTO-1390 (Rev. 09-2006)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a. 🗌	A check in the amount of \$	to cover the above fees	is enclosed.	
b	Please charge my Deposit Account NoA duplicate copy of this sheet is enclosed.	_ in the amount of \$	to cover the above fees.	
c. X	The Commissioner is hereby authorized to charge any Account No. $\underline{500977}$ . A duplicate copy of this st		be required, or credit any overpayment to Deposit	
d. 🗌		ation and authorization on	y become public. <b>Credit card information should not</b> PTO-2038. The PTO-2038 should only be mailed or faxed y NOT be faxed to the USPTO.	
<b>ADVISORY</b> : If filing by EFS-Web, do <b>NOT</b> attach the PTO-2038 form as a PDF along with your EFS-Web submission. Please be advised that this is <b>not</b> recommended and by doing so your <b>credit card information may be displayed via PAIR</b> . To protect your information, it is recommended paying fees online by using the electronic payment method.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
			_	
SEND A	LL CORRESPONDENCE TO:		Karin E. Reterka	
Kari	n E. Peterka		SIGNATURE	
Buch	alter Nemer	]	KARIN E. PETERKA	
1000	Wilshire Blvd.		NAME	
Suit	e 1500	•	35 <b>,</b> 976	
	Angeles, CA 90017-5704		REGISTRATION NUMBER	
	ne: (213) 891-5280			
Fax:	(213) 630-5708			

PTO-1390 (Rev. 09-2006)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

			•
а. 🗌	A check in the amount of \$	_ to cover the above fe	es is enclosed.
ь. 🗆	Please charge my Deposit Account NoA duplicate copy of this sheet is enclosed.	in the amount of \$	to cover the above fees.
с. Х	The Commissioner is hereby authorized to charge any Account No. $\underline{500977}$ . A duplicate copy of this sh	additional fees which meet is enclosed.	nay be required, or credit any overpayment to Deposit
d. 🗌		ation and authorization o	may become public. Credit card information should not on PTO-2038. The PTO-2038 should only be mailed or faxed may NOT be faxed to the USPTO.
		so your credit card info	PDF along with your EFS-Web submission. Please be ormation may be displayed via PAIR. To protect your syment method.
	Where an appropriate time limit under 37 CFR 1.495 nted to restore the International Application to pend		etition to revive (37 CFR 1.137(a) or (b)) must be filed
SEND A	ALL CORRESPONDENCE TO:		Karin E leterka
Kari	in E. Peterka		SIGNATURE
Buch	nalter Nemer	•	KARIN E. PETERKA
1000	) Wilshire Blvd.	<del>-</del>	NAME
Suit	ce 1500		35,976
Los	Angeles, CA 90017-5704	-	REGISTRATION NUMBER
Phor	ne: (213) 891-5280		
Fax	(213) 630–5708		
			· .